

| Ref # | Hits | Search Query   | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S2    | 780  | 370/316,321,322,323,325.ccls.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/04/14 10:41 |
| S3    | 317  | S2 and (satellite.ti.)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/04/14 12:04 |
| S4    | 34   | S3 and ("user interface")  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/04/14 10:43 |
| S5    | 14   | ("4526925"   "5559809"  <br>"5589841"   "5760739"  <br>"5797083"   "5812545"  <br>"5835057"   "5963862"  <br>"6023242"   "6347094"  <br>"6377558"   "6441782"  <br>"6587875").PN. OR ("6650869").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR               | ON      | 2005/04/14 12:02 |
| S6    | 4    | ((("5724358") or ("6452950") or<br>("5757784") or ("6400685"))).PN.  | USPAT                                  | OR               | OFF     | 2005/04/14 12:03 |
| S7    | 401  | S2 and (satellite.ab.)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/04/14 12:05 |
| S8    | 63   | S7 and ((classes or types)with<br>traffic)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/04/14 15:22 |
| S9    | 321  | 370/316.ccls.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/04/14 12:33 |
| S10   | 13   | S9 and (class\$2 with traffic)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/04/14 12:33 |
| S11   | 1229 | satellite.ab. and user adj terminal  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/04/14 18:47 |
| S12   | 188  | S11 and "370"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR               | ON      | 2005/04/14 15:24 |

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| S13 | 194  | satellite.ab. and ((user adj terminal)with device)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 15:24 |
| S14 | 45   | S13 and "370"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 15:24 |
| S15 | 14   | ("4526925"   "5559809"  <br>"5589841"   "5760739"  <br>"5797083"   "5812545"  <br>"5835057"   "5963862"  <br>"6023242"   "6347094"  <br>"6377558"   "6441782"  <br>"6587875").PN. OR ("6650869").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/14 15:42 |
| S16 | 10   | ("4947451"   "5410728"  <br>"5454024"   "5664006"  <br>"5666648"   "5678175"  <br>"5731785"   "6157621"  <br>"6295283"   "6430167").PN. OR<br>("6553009").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/14 15:48 |
| S17 | 1107 | 370/349.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/14 16:51 |
| S18 | 9    | S17 and (satellite same (user adj interface))  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/14 15:50 |
| S19 | 38   | "370"/\$.ccls. and (satellite and (cable adj box))   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/14 15:55 |
| S20 | 0    | "370"/\$.ccls. and (tv same (satellite adj box))   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/14 15:56 |
| S21 | 35   | "370"/\$.ccls. and (tv same (satellite with box))  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/14 16:01 |
| S22 | 20   | "370"/\$.ccls. and (satellite.ab.) and (indoor adj unit)   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/14 16:26 |
| S23 | 115  | (satellite.ab.) and (indoor adj unit)  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/14 16:26 |
| S24 | 10   | S23 and (channel adj selector)   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/14 16:28 |

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|-----|-----|---|--|----|-----|------------------|
| S25 | 63  | (<br>"3324417"   "3665316"  <br>"3730980"   "3936594"  <br>"4023104"   "4066966"  <br>"4130801"   "4183054"  <br>"4395734"   "4419768"  <br>"4429418"   "4439740"  <br>"4484218"   "4486773"  <br>"4512033"   "4513315"  <br>"4527136"   "4530008"  <br>"4532543"   "4538174"  <br>"4538175"   "4542300"  <br>"4545048"   "4545075"  <br>"4556988"   "4558358"  <br>"4580161"   "4586081"  <br>"4592093"   "4605968"  <br>"4608710"   "4648123"  <br>"4677686"   "4709418"  <br>"4710972"   "4761825"  <br>"4761827"   "4866787"  <br>"4901367"   "5045823"  <br>"5073930"   "5216432"  <br>"5225799"   "5276904"  <br>"5303403"   "5331332"  <br>"5345591"   "5437051"  <br>"5440319"   "5463407"  <br>"5488659"   "5666126"  <br>"5682426"   "5737698"  <br>"5752180"   "5787335"  <br>"5793258"   "5805975"  <br>"5898455").PN. OR ("6397038").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2005/04/14 16:33 |
| S26 | 29  | ("5276904").URPN.   | USPAT                                  | OR | ON  | 2005/04/14 16:35 |
| S27 | 3   | ("6397038").URPN.   | USPAT                                  | OR | ON  | 2005/04/14 16:36 |
| S28 | 16  | ("5790202").URPN.   | USPAT                                  | OR | ON  | 2005/04/14 16:43 |
| S29 | 8   | ("5649318").URPN.   | USPAT                                  | OR | ON  | 2005/04/14 16:47 |
| S30 | 44  | S17 and (satellite.ab.)   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2005/04/14 16:53 |
| S31 | 1   | ("4706121").PN.   | USPAT                                  | OR | OFF | 2005/04/14 17:04 |
| S32 | 413 | ("4706121").URPN.   | USPAT                                  | OR | ON  | 2005/04/14 16:54 |
| S33 | 4   | ((("4706121") or ("4631603") or<br>("4577216") or ("5335227"))).PN.   | USPAT                                  | OR | OFF | 2005/04/14 17:14 |
| S34 | 399 | young.in. and satellite   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/14 17:19 |
| S35 | 28  | S34 and "370"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/14 17:14 |

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| S36 | 0   | (patrick adj young).in. and satellite  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 17:19 |
| S37 | 0   | (patrick adj2 young).in. and satellite   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 17:19 |
| S38 | 11  | (young adj2 patrick ).in. and satellite  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 17:39 |
| S39 | 5   | MIb and crwb and pa and bod  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 17:42 |
| S40 | 16  | ("20010007565"   "20020003776"<br>  "20020104920"   "20020114313"<br>  "20030031141"   "20030032391"<br>  "20030035385"   "5521923"  <br>"5724358"   "5757784"  <br>"6400685"   "6442146"  <br>"6442661"   "6452950"  <br>"6684273"   "6731613").PN. OR<br>("6865388").URPN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/14 17:40 |
| S41 | 6   | low adj volume adj low adj latency   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 17:44 |
| S42 | 66  | "370"/\$.ccls. and (satellite.ab. and tv same channel)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 18:13 |
| S43 | 298 | satellite.ab. and (user adj interface and logic maping)  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 18:14 |
| S44 | 298 | satellite.ab. and (user adj interface and logic maping same satellite)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 18:15 |
| S45 | 0   | satellite.ab. and (user adj interface and (logic adj maping) same satellite)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 18:15 |
| S46 | 0   | satellite.ab. and (user adj interface and (logic adj maping))  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 18:15 |

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| S47 | 0   | satellite.ab. and (user adj interface and (logic adj mapping))               | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 18:15 |
| S48 | 4   | satellite.ab. and (user adj interface and (logic same mapping))              | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 18:16 |
| S49 | 0   | S11 and (tv adj communication)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 18:49 |
| S50 | 30  | S11 and (tv same communication)  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 18:59 |
| S51 | 47  | S11 and (tv same (transmission or communication))                            | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 19:05 |
| S52 | 17  | S51 not S50  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 19:00 |
| S53 | 2   | S11 and (broad?band same (transmission or communication))                    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 19:05 |
| S54 | 4   | S11 and (broad adj band same (transmission or communication))                | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 19:13 |
| S55 | 114 | ichiyoshi.in.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 19:07 |
| S56 | 36  | S55 and satellite  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 19:07 |
| S57 | 5   | S11 and (broad adj band same (application or transmission or communication)) | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 19:14 |
| S58 | 211 | 455/3.02.ccls.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 19:19 |

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| S59 | 107 | S58 and satellite.ab.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 19:19 |
| S60 | 14  | S59 and user adj interface  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 19:20 |
| S61 | 895 | 455/3.02,427,414.ccls.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 19:19 |
| S62 | 606 | S61 and satellite.ab.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 21:16 |
| S63 | 66  | S62 and user adj interface  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 21:00 |
| S64 | 52  | S63 not S60   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 19:20 |
| S65 | 13  | ("5448206"   "5448623"  <br>"5689568"   "5724345"  <br>"5889861"   "5990928"  <br>"5999526").PN. OR ("6151497").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/14 20:11 |
| S66 | 22  | ("5673256").URPN.   | USPAT                                  | OR | ON | 2005/04/14 20:25 |
| S67 | 72  | S62 and user near interface   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 20:29 |
| S68 | 6   | S67 not S63   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 20:30 |
| S69 | 6   | ("5600629"   "6157642"  <br>"6366776"   "6430394").PN. OR<br>("6512749").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/14 20:56 |
| S70 | 155 | S62 and user adj terminal   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 21:01 |
| S71 | 137 | S70 not S67   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/14 21:01 |



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| S72 | 150 | S70 not S68  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/14 21:02 |
| S73 | 103 | S72 and services   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/14 21:02 |
| S74 | 37  | S73 and address  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/14 21:02 |
| S75 | 55  | ("4901307"   "5010317"  <br>"5073900"   "5081703"  <br>"5109390"   "5119225"  <br>"5216427"   "5233626"  <br>"5239671"   "5265119"  <br>"5303286"   "5327572"  <br>"5329547"   "5339330"  <br>"5410728"   "5415368"  <br>"5422647"   "5433726"  <br>"5439190"   "5446756"  <br>"5448621"   "5448623"  <br>"5490087"   "5539730"  <br>"5551624"   "5590395"  <br>"5602833"   "5608722"  <br>"5631898"   "5713075"  <br>"5812538"   "Re32905").PN. OR<br>("6021309").URPN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2005/04/14 21:09 |
| S76 | 91  | (satellite and broad adj band).ab.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/14 21:35 |
| S77 | 1   | ("5812545").PN.  | USPAT                                  | OR | OFF | 2005/04/14 21:36 |
| S78 | 1   | 09/925177  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/15 21:06 |
| S79 | 1   | ("5812545").PN.  | USPAT                                  | OR | OFF | 2005/04/15 21:16 |
| S80 | 123 | 370/337,348,444.ccls. and<br>(contention with access)  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2005/04/19 14:40 |
| S81 | 3   | S80 and (satellite.ti.)  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2005/04/19 14:40 |
| S82 | 6   | S80 and (satellite.ab.)  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2005/04/19 14:26 |
| S83 | 1   | ("5812545").PN.  | USPAT                                  | OR | OFF | 2005/04/19 14:28 |

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| S84 | 1407 | "370"/\$.ccls. and (contention with access)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 14:50 |
| S85 | 45   | S80 and (satellite)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 14:50 |
| S86 | 204  | "370"/\$.ccls. and (contention adj1 access)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 15:01 |
| S87 | 62   | S86 and (satellite)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 14:51 |
| S88 | 39   | "370"/337,348,444,468.ccls. and (contention adj1 access)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 15:25 |
| S89 | 35   | ("3720790"   "3870825"   "4149144"   "4161786"   "4210780"   "4293947"   "4347604"   "4387425").PN. OR ("4500989").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 15:06 |
| S90 | 183  | "370"/337,348,444,468.ccls. and (contention with access)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 16:40 |
| S91 | 4    | S90 and satellite.ti.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 15:28 |
| S92 | 1407 | "370"/\$.ccls. and (contention with access)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 15:36 |
| S93 | 33   | S92 and satellite.ti.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 15:28 |
| S94 | 0    | satellit near (contention with access)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 15:37 |
| S95 | 0    | satellit same (contention with access)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 15:38 |
| S96 | 74   | satellite same (contention with access)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 16:40 |
| S97 | 561  | satellite same (contention with channel or ch)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 16:40 |
| S98 | 11   | "370"/337,348,444,468.ccls. and S97  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/04/19 16:41 |
| S99 | 1    | ("0512545").PN.  | USPAT                        | OR | OFF | 2005/04/19 17:43 |



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| S10<br>0 | 1    | ("5812545").PN.   | USPAT                                  | OR | OFF | 2005/04/19 17:43 |
| S10<br>1 | 2852 | 370/337,348,444,468.ccls.                                       | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/22 15:32 |
| S10<br>2 | 1    | S101 and (satellite same multimedia).ab.                        | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/22 15:43 |
| S10<br>3 | 24   | ("5915207").URPN.   | USPAT                                  | OR | ON  | 2005/04/22 15:34 |
| S10<br>4 | 17   | S101 and (satellite same based).ab.                             | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/22 15:41 |
| S10<br>5 | 1    | S101 and (satellite same multimedia).ti.                        | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/22 15:44 |
| S10<br>6 | 492  | (satellite same multimedia).ab.                                 | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/22 15:44 |
| S10<br>7 | 169  | (satellite same multimedia).ti.                                 | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/22 15:44 |
| S10<br>8 | 0    | S107 and ("370"/\$.ccls. and "455"/\$.ccls. and "340"/\$.ccls.) | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/22 15:46 |
| S10<br>9 | 1    | S107 and (destination same (source adj port))                   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/22 15:47 |
| S11<br>0 | 14   | tdma near1 overhead   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/22 19:32 |
| S11<br>1 | 42   | ("4309764").URPN.   | USPAT                                  | OR | ON  | 2005/04/22 19:21 |

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| S11<br>2 | 20    | ("4047151"   "4309764"  <br>"4901319"   "4908827"  <br>"4932029"   "5128942"  <br>"5151904"   "5157672"  <br>"5230003"   "5231494"  <br>"5430743"   "5438590"  <br>"5453997"   "5511079"  <br>"5566206").PN. OR ("5912907").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/22 19:24 |
| S11<br>3 | 2120  | tdma and preamble   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/22 19:33 |
| S11<br>4 | 152   | tdma.ti. and preamble   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/22 19:33 |
| S11<br>5 | 74    | S114 and satellite  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/22 19:33 |
| S11<br>6 | 0     | S114 and "satellite.ti"   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/22 19:33 |
| S11<br>7 | 24    | S114 and satellite.ti.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/22 21:37 |
| S11<br>8 | 31111 | satellite.ti.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/22 22:08 |
| S11<br>9 | 36    | S118 and (cir)  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/22 22:06 |
| S12<br>0 | 7     | S118 and ((constant adj1 rate)<br>same (channel or ch))   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/22 22:08 |
| S12<br>1 | 48070 | satellite.ab.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/22 22:08 |
| S12<br>2 | 23    | S121 and ((constant adj1 rate)<br>same (channel or ch))   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/22 22:09 |

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| S12<br>3 | 3180699 | "23" not S120   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/22 22:09 |
| S12<br>4 | 16      | S122 not S120   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/22 22:09 |
| S12<br>5 | 83      | 370/316.ccls.   | US-PGPUB                               | OR | ON | 2005/04/27 16:45 |
| S12<br>6 | 53      | S125 and (packet same satellite)                        | US-PGPUB                               | OR | ON | 2005/04/27 16:29 |
| S12<br>7 | 22      | S125 and (packet same satellite).<br>ab.                | US-PGPUB                               | OR | ON | 2005/04/27 16:45 |
| S12<br>8 | 0       | S125 and (packet same satellite).<br>ab.                | USPAT                                  | OR | ON | 2005/04/27 16:45 |
| S12<br>9 | 235     | 370/316.ccls.   | USPAT                                  | OR | ON | 2005/04/27 16:45 |
| S13<br>0 | 32      | S129 and (packet same satellite).<br>ab.                | USPAT                                  | OR | ON | 2005/04/27 16:57 |
| S13<br>1 | 6       | S129 and (packet same satellite).<br>ab. and contention | USPAT                                  | OR | ON | 2005/04/27 16:58 |
| S13<br>2 | 14      | S129 and ( satellite).ab. and<br>contention             | USPAT                                  | OR | ON | 2005/04/27 16:58 |
| S13<br>3 | 53      | satellite.ab. and (priority same<br>burst)              | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/27 17:09 |
| S13<br>4 | 503     | (low adj1 volume)and satellite                          | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/27 18:18 |
| S13<br>5 | 52      | S134 and contention                                     | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/27 18:18 |
| S13<br>6 | 7       | (low adj1 volume)same contention                        | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/27 18:23 |
| S13<br>7 | 9       | (low adj3 volume) same<br>contention                    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/27 18:23 |
| S13<br>8 | 49      | (low same volume) same<br>contention                    | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/27 18:33 |

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| S13<br>9 | 11  | S138 and satellite   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/27 18:23 |
| S14<br>0 | 33  | (priority same burst same volume)  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/27 18:33 |
| S14<br>1 | 2   | ((("6038594") or ("5796956")).PN.  | USPAT                                  | OR | OFF | 2005/04/28 10:07 |
| S14<br>2 | 136 | liebowitz.in.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/29 14:48 |
| S14<br>3 | 1   | S142 and 370/412,468,230,230.1.<br>ccls.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/29 13:22 |
| S14<br>4 | 133 | 370/412,468,230,230.1.ccls.and<br>(satellite same packet)  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/29 13:23 |
| S14<br>5 | 26  | S144 and (transport with service)  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/29 13:53 |
| S14<br>6 | 2   | liebowitz.in. and "370"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/29 13:36 |
| S14<br>7 | 39  | ("4273962"   "4319353"  <br>"4322845"   "4330857"  <br>"4424417"   "4507781"  <br>"4642806"   "4774707"  <br>"4870642"   "4888769"  <br>"4995096"   "5072445"  <br>"5309439"   "5392450"  <br>"5434850"   "5446733").PN. OR<br>("5757784").URPN. | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2005/04/29 13:37 |
| S14<br>8 | 1   | 09/789076  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON  | 2005/04/29 13:53 |
| S14<br>9 | 10  | ("4320504"   "4346470"  <br>"5490140"   "5490141"  <br>"5592518"   "5600653"  <br>"5623495"   "5802120"  <br>"6088346"   "6477669").PN. OR<br>("6711140").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON  | 2005/04/29 13:59 |

|          |     |  |  |    |    |                  |
|----------|-----|--|--|----|----|------------------|
| S15<br>0 | 11  | liebowitz.in. and satellite  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/29 14:51 |
| S15<br>1 | 6   | (orion same atlantic).as. and<br>satellite   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/29 14:52 |
| S15<br>2 | 39  | ("4273962"   "4319353"  <br>"4322845"   "4330857"  <br>"4424417"   "4507781"  <br>"4642806"   "4774707"  <br>"4870642"   "4888769"  <br>"4995096"   "5072445"  <br>"5309439"   "5392450"  <br>"5434850"   "5446733").PN. OR<br>("5757784").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR           | OR | ON | 2005/04/29 14:53 |
| S15<br>3 | 15  | (US-20010012775-\$ or<br>US-20030035385-\$ or<br>US-20030058810-\$).did. or<br>(US-4309764-\$ or US-5673256-\$<br>or US-5812545-\$ or US-5835057-\$<br>or US-5909439-\$ or US-6151497-\$<br>or US-6604146-\$ or US-6636721-\$<br>or US-6654344-\$ or US-6665292-\$<br>or US-6711140-\$ or<br>US-6842437-\$).did. | US-PGPUB;<br>USPAT                     | OR | ON | 2005/04/29 17:40 |
| S15<br>4 | 4   | S153 and contention  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/29 18:13 |
| S15<br>5 | 4   | S153 and contentions   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/29 18:59 |
| S15<br>6 | 130 | hybrid adj1 coder  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/29 19:00 |
| S15<br>7 | 96  | S156 and frame   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/29 19:00 |
| S15<br>8 | 0   | S157 and udp   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/29 19:00 |
| S15<br>9 | 3   | S157 and "370"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2005/04/29 19:00 |

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|----------|----|---|------------------------------|----|----|------------------|
| S16<br>0 | 13 | ("5581554"   "5784358"  <br>"5784569").PN. OR ("6026082").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/04/29 19:03 |
| S16<br>1 | 30 | ("4864562"   "5187591"  <br>"5394473"   "5533004"  <br>"5539908"   "5555447"  <br>"5583652"   "5617423"  <br>"5699369"   "5742773"  <br>"5881234"   "5890108"  <br>"5933803"   "5940479"  <br>"6026082"   "6052391"  <br>"6064653"   "6130883").PN. OR<br>("6356545").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/04/29 19:27 |